# METHOD AND SYSTEM FOR TESTING FOAM-WATER FIRE PROTECTION SYSTEMS


## Abstract of the Invention

A test system (10) for testing a fire suppression system (100) for a determination of a flow ratio of at least two different constituents (2, 4) where the fire suppression system (100) is of a type that mixes the flow of the at least two constituents (2, 4) for distribution whereby only one of the two constituents (2, 4), is required for testing of the flow ratio, the system (10) comprising a control box (14), a first constituent flow meter system (16) and a second constituent line flow meter system (18), wherein the first constituent (2) is directed through the first constituent flow meter system (16), the first constituent (2) is directed through the second constituent line flow meter system (18), each flow meter system (16, 18) detecting a flow rate therein, and the control box (14) compares the flow rates of the first constituent (2) through each flow meter system (16, 18), and indicates the flow rate ratio had the second constituent (4) been directed through the second constituent line flow meter system (18). The system (10) is portable and waterproof, and obviates the need to discharge expensive foam concentrate (8) as well as disposal costs of foam.